

Trip Generation Estimate - Weekday Daily & PM Peak Hour
Project: Tri Cities RR Facilities, 11PLN0100
Date: 11-9-11

	Use	Rate Estimate (weekday)	Rate (4-6 PM Peak)	K Sq. Ft. or No. Units	Daily Trips	PM Peak
2005 Truck Trips at Full Operations	2005 TCRDF Truck Trips				1200	76
2005 Truck Trips at Full Operations	2005 Concrete Truck Trips				220	14
2005 Vehicle Trips at Full Operations	38 Employees ITE #110	3.02	0.42	38	115	16
Passby (25%)	N/A					
Existing - Previous Use Total					1535	106
Proposed Use	Retail Landscape Products Sales Center				100	6
Proposed Use	Medical Waste Truck Trips				80	5
Proposed Use	Medical Waste Facility plus Retail Sales, 52 Employees total ITE #110	3.02	0.42	52	151	21
Existing 2011 Trips(Includes Concrete & AC Recycling and Cart and Steel Bin Storage Painting and Repair)	Combined Vehicle and Truck Trips				870	55
Proposed Total					1201	87
Net Increase					331	32
Existing Traffic Volume - Auto Mall Pkwy From Nobel to Westerly end					4,945	312
% Increase					6.69%	10.26%

Trip estimates based on ITE, 8th edition Trip Generation Handbook. Note that there are no ITE Trip generation rates for Landfill Land Use. Truck and vehicle counts were collected in May 2011 to determine total of inbound and outbound traffic counts at the Landfill entrance on Auto Mall Parkway. Based on the hourly counts and total daily counts it was estimated that 6.38% percent of the total daily traffic counts is generated during the PM peak hour trips for the various landfill uses identified above.